Palo Alto, CA). β-tubulin antibody was used as a control for loading efficiency. The results show that two of the metastatic prostate tumors that overexpressed the gene, WA5-4 and WA12-2, also overexpressed the protein (Figure 2).--

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 17, at the end of the application.

REMARKS

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-18, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy.

Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached pages are captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Paragraph beginning at line 8 of page 5 has been amended as follows:

Figure 5 illustrates the amino acid comparison between PRC17 (SEQ ID NO:18) and TRE-2/USP6 (SEQ ID NO:17), a known oncogene. PRC17 shares 81% identity on the protein level and 88% identity on the DNA level to TRE-2/USP6.

Paragraph beginning at line 12 of page 31 has been amended as follows:

The particular expression vector used to transport the genetic information into the cell is not particularly critical. Any of the conventional vectors used for expression in eukaryotic or prokaryotic cells may be used. Standard bacterial expression vectors include plasmids such as pBR322 based plasmids, pSKF, pET23D, and fusion expression systems such as GST and LacZ. Epitope tags can also be added to recombinant proteins to provide convenient methods of isolation, *e.g.*, c-myc, HA-tag, 6-His (SEQ ID NO:13) tag, maltose binding protein, VSV-G tag, anti-DYKDDDDK (SEQ ID NO:14) tag, or any such tag, a large number of which are well known to those of skill in the art.

Paragraph beginning at line 16 of page 58 has been amended as follows:

Levels of PRC17 protein were also examined in metastatic prostate tumor samples. PRC 17 protein levels were determined. PRC17 protein levels in control 3T3 cells stably transfected with *PRC17* and in metastatic prostate tumor samples prostate tumor samples (WA5-3, WA5-4, WA20-45, and WA12-2) were measured by Western

blot using an anti-PRC17 polyclonal antibody to detect endogenous PRC17. The rabbit polyclonal antibody was directed against a unique C-terminal peptide in PRC17 (NH2-PSTSDQGTPFRARDEQPC-OH (SEQ ID NO:16), Antibody Solution, Palo Alto, CA). β-tubulin antibody was used as a control for loading efficiency. The results show that two of the metastatic prostate tumors that overexpressed the gene, WA5-4 and WA12-2, also overexpressed the protein (Figure 2).